

ABSTRACT

3 A membrane system comprising an interior wall, a fluid-permeable exterior wall
4 surrounding the interior wall and an internal compartment defined by the membrane system,
5 wherein fluid permeability of the interior wall is responsive to osmolarity of an osmotic core
6 within the internal compartment are disclosed. A controlled release dosage form comprising
7 the membrane system and a process for delivering an osmotically active formulation from an
8 osmotic pump over an extended period of time are also disclosed.